ग्रामीण क्षारों की पूर्ति करते हैं, इनका वित्त-पोषण ग्राम विद्युतीकरण निगम द्वारा किया जाएगा तथा शेष का वित्त-पोषण विद्युत वित्त निगम द्वारा किया जाएगा ।

मार्च, 1990 से ग्राम विद्युतीकरण निगम द्वारा स्वीकृत किए गए इस प्रकार के उप-केन्द्रों का राज्यवार ब्यौरा नीचे दिया गया है :–

| | | |
|---|---|---|
| 1. | आन्ध्र प्रदेश | 2 |
| 2. | राजस्थान | 2 |
| 3. | उड़ीसा | 4 |
| 4. | उत्तर प्रदेश | 6 |
| | | 14 |

मध्य प्रदेश राज्य बिजली बोर्ड का ऐसा कोई प्रस्ताव ग्राम विद्युतीकरण निगम में लम्बित नहीं है।

**Clearance of Hydel Power Projects**

1126. SHRI S. MADHAVAN: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that a number of Hydel Power Projects in various States are pending for clearance with the Central Government;

(b) if so, what are the details thereof; and

(c) what steps are being taken by Government to exploit the hydel potential for power projects in all the States?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b) 41 Hydro-electric schemes with an aggregate installed capacity of about 7426.6 MW have been cleared by the Central Electricity Authority and are awaiting investment decision. 31 schemes with an aggregate installed capacity of about 1946.6 MW are under various stages of techno-economic examination.

(c) Efforts are being made to increase the hydro thermal mix to 40 : 60. About 144 hydro projects with an aggregate capacity of 23753 MW are under execution. 89 projects with a capacity of 15239 MW have been sanctioned. 41 projects with a total capacity of 7426.6 MW have been cleared by the Central Electricity Authority and are awaiting investment approval. Funds are provided under various schemes to States for investigating new projects. Also, it has recently been notified that projects under Rs. 25 crores may be taken up by the States without CEA's clearance. Efforts are also being made to exploit the potential for small, mini and micro hydel projects.

**Irregularities in the Delhi Energy Development Agency**

1127. SHRI KRISHNA KUMAR BIRLA: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to states:

(a) whether the Comptroller and Auditor General of India has found serious irregularities in the affairs of Delhi Energy Development Agency for harnessing and introducing non-conventional sources of energy;

(b) if so, what are the details of the irregulaties pointed out by CAG;

(c) whether Government have since contemplated steps to effect improvement in the generation of energy through non-conventional sources, so far;

(d) if so, what are the details thereof; and

(e) the reasons for not introducing several schemes already sanctioned in this behalf?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b) While test checking in audit the records

of the Delhi Energy Development Agency under the Delhi Administration of the period 1983-84 to 1989-90, some observations have been made by the Comptroller and Auditor General of India. These pertain in general, to the implementation and monitoring of various schemes. The details of these observations are already contained in the CAG's Report, (paragraphs 3.1 to 4.5 at pages 18-35) which has been Tabled in the Parliament during the Budget Session in July, 1991.

(c) and (d) The improvement and development of non-conventional energy devices is a continuous process. The Department of Non-Conventional Energy Sources has already successfully tested and developed many NRSE devices and installed them through the State Government/Nodal Agencies all over the country. In Delhi, the status of some of the important activities undertaken as on 31-3-91 is as follows :

| | |
|---|---|
| *Biogas* | |
| Community Biogas Plants | 2 |
| Family Type Biogas Plants . | 600 |
| *Biomass* | |
| Biomass Gasifiers . | 16 |
| *Improved Chulhas* | 108680 |
| *Solar Photovoltaics* | |
| Water Pumps . . . | 25 |
| Community lighting Systems . | 9 |
| Domestic Lighting/TV Systems | 71 |
| Power Plants (KWP) . | 5·00 |
| *Solar Thermal* | |
| Cookers . . . . . | 1747 5 |
| Domestic Water Heating Systems | 650 |
| Industrial Water Heating Systems | 350 |
| Air Heater/Crop Dryers . | 1 |
| Timber Kilns . . . | 4 |
| Stills . . . . . | 1604 |
| *Wind Energy* | |
| Water pumps . . . | 81 |
| Battery Chargers . . . | 5 |

(e) According to Delhi Energy Development Agency (DEDA), all sanctioned schemes are under implementation.

**An alternative site for thermal power project at Dholpur**

1128. SHRI KRISHNA KUMAR BIRLA: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Central Government had asked the Government of Rajasthan to look for an alternative site for thermal Power project at Dholpur on account of environmental reasons;

(b) if so, whether the State Government had submitted the proposal to the CEA during the year 1984;

(c) whether the Central Government have rejected the proposal after seven years;

(d) whether there is a steep cost escalation of the said project due to delay in taking a decision; and

(e) if so, what is the reaction of Government thereto ?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALPNATH RAI): (a) to (c) The Rajasthan State Electricity Board (RSEB) had submitted in March, 1985, to the Central Electricity Authority (CEA), a proposal for the installation of 2x210 MW coal based Thermal Power Station at Dholpur. The Scheme was revised to 3x210 MW in March, 1987. The revised